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Anti-EVI1 Antibody

Catalog # AP54063

Product Information

Application	WB, IHC
Primary Accession	Q03112
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	138136

Additional Information

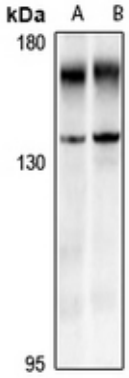
Gene ID	2122
Other Names	MDS1; MDS1 and EVI1 complex locus protein MDS1; Myelodysplasia syndrome 1 protein; Myelodysplasia syndrome-associated protein 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human EVI1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

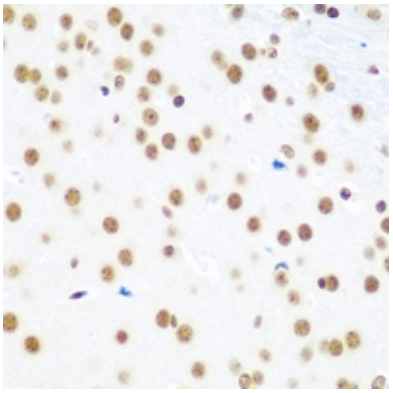
Name	MECOM (HGNC:3498)
Function	[Isoform 1]: Functions as a transcriptional regulator binding to DNA sequences in the promoter region of target genes and regulating positively or negatively their expression. Oncogene which plays a role in development, cell proliferation and differentiation. May also play a role in apoptosis through regulation of the JNK and TGF-beta signaling. Involved in hematopoiesis.
Cellular Location	Nucleus. Nucleus speckle. Cytoplasm

Images

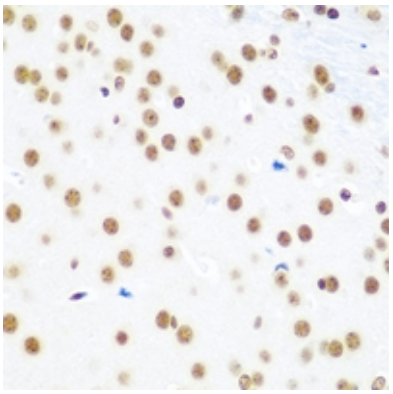
Western blot analysis of EVI1 expression in A549 (A), SGC7901 (B) whole cell lysates. (Predicted band size: 138



kD; Observed band size: 138 kD)



Immunohistochemical analysis of EVI1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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